

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-19 (Canceled)

20-23 (Withdrawn)

24. (Presently amended) A method for controlling access to information presented by a web browser executing on a local computer system connected to a computer network, wherein content is downloaded from a source over the computer network to the web browser, the method comprising:

downloading from the source to the web browser authorization information that configures the web browser to process content in a manner determined by the source;

downloading content from the source to the web browser;

presenting the downloaded content within a browser window of the web browser;

and

as determined by the source in accordance with the authorization information,
disabling at the local computer system a disallowed user function that affects the downloaded content when the downloaded content is within the browser window.

25. (Presently amended) A method for controlling access to information presented by a web browser executing on a local computer system connected to a computer network, wherein content is downloaded from a source over the computer network to the web browser, the method comprising:

downloading from the source to the web browser authorization information that configures the web browser to process content in a manner determined by the source;

downloading content from the source to the web browser;

presenting the downloaded content within a browser window of the web browser;

9 as determined by the source in accordance with the authorization information,
10 disabling at the local computer system a disallowed user function when the downloaded
11 content is within the browser window by intercepting a message posted to the browser
12 window; and
13 hiding the downloaded content if the browser is not a foreground application.

1 26. (Presently amended) A method for controlling access to information presented by
2 a web browser executing on a local computer system connected to a computer network,
3 wherein content is downloaded from a source over the computer network to the web
4 browser, the method comprising:

5 downloading from the source to the web browser authorization information that
6 configures the web browser to process content in a manner determined by the source;
7 downloading content from the source to the web browser;
8 presenting the downloaded content within a browser window of the web browser;

9 and

10 as determined by the source in accordance with the authorization information,
11 disabling at the local computer system a disallowed user function when the downloaded
12 content is within the browser window by clearing a commonly shared inter-application
13 memory ~~within the inter-application memory is accessed~~ that can contain the
14 downloaded content.

1 27. (Presently amended) A method for controlling access to information presented by
2 a web browser executing on a local computer system connected to a computer network,
3 wherein content is downloaded from a source over the computer network to the web
4 browser, the method comprising:

5 downloading from the source to the web browser authorization information that
6 configures the web browser to process content in a manner determined by the source;
7 downloading content from the source to the web browser;
8 presenting the downloaded content within a browser window of the web browser;

9 and

10 as determined by the source in accordance with the authorization information,
11 disabling at the local computer system a disallowed user function when the downloaded
12 content is within the browser window by hiding a user menu selection that affects the
13 downloaded content corresponding to the disallowed user function.

1 28. (Presently amended) A method for controlling access to information presented by
2 a web browser executing on a local computer system connected to a computer network,
3 wherein content is downloaded from a source over the computer network to the web
4 browser, the method comprising:

5 downloading from the source to the web browser authorization information that
6 configures the web browser to process content in a manner determined by the source;

7 downloading content from the source to the web browser;

8 presenting the downloaded content within a browser window of the web browser;

9 as determined by the source in accordance with the authorization information,

10 disabling at the local computer system a disallowed user function when the downloaded
11 content is within the browser window by intercepting a keyboard message that affects
12 the downloaded content; and

13 discarding the keyboard message if it corresponds to the disallowed user
14 function.

1 29. (Presently amended) A method for controlling access to information presented by
2 a web browser executing on a local computer system connected to a computer
3 network, wherein content is downloaded from a source over the computer network to
4 the web browser, the method comprising:

5 downloading from the source to the web browser authorization information that
6 configures the web browser to process content in a manner determined by the source;

7 downloading content from the source to the web browser;

8 presenting the downloaded content within a browser window of the web browser;

9 as determined by the source in accordance with the authorization information,

10 disabling at the local computer system a disallowed user function when the downloaded
11 content is within the browser window by monitoring a context for a device; and

12 discarding a user action directed to the device when the context matches the
13 downloaded content.

1 30. (Original) The method of claim 24, wherein the disallowed user function is one of
2 a plurality of default disallowed user functions and further comprising:
3 leaving active one of the plurality of default disallowed user functions.

1 31. (Presently amended) The method of 30, further comprising providing information
2 with the downloaded content that determines the one of the plurality of default
3 disallowed user functions to be left active.

1 32. (Original) The method of claim 24 wherein the disallowed user function is
2 selected from the group consisting of print, page setup, save, save as, view source,
3 save picture as, set as wallpaper, copy, screen capture, screen print, cut.

1 33. (Original) The method of claim 24 further comprising managing authentication of
2 a web client.

1 34. (Original) The method of claim 24 further comprising processing a request from a
2 web client for encrypted content.

1 35. (Original) The method of claim 24 further comprising creating a unique identifier
2 for a web client.

1 36. (Presently amended) The method of claim 24 further comprising encrypting the
2 content before downloading with a key based on the unique identifier for the web client.

1 37. (Presently amended) The method of claim 24 wherein the downloaded content
2 comprises user perceivable information in a hyper-text markup language (HTML)
3 format.

1 38. (Presently amended) The method of claim 24 wherein the downloaded content
2 comprises user perceivable streaming information.

1 39. (Presently amended) The method of claim 24 wherein the downloaded content
2 comprises at least one of video information and audio information.

1 40. (Presently amended) A method for controlling access to information presented
2 by a web browser executing on a local computer system connected to a computer
3 network, wherein content is downloaded from a source over the computer network to
4 the web browser, the method comprising:

5 downloading from the source to the web browser authorization information that
6 configures the web browser to process content in a manner determined by the source;

7 downloading content from the source to the web browser;

8 presenting the downloaded content within a browser window of the web browser;

9 and

10 as determined by the source in accordance with the authorization information,

11 disabling at the local computer system ~~a disallowed user function~~ when the downloaded
12 content is within the browser window, ~~thea~~ user function ~~which, when allowed, that~~
13 provides for non-ephemeral reproduction of the content.

1 41. (Presently amended) The method of claim 24 wherein the downloaded content
2 comprises user perceivable information in a scripting language format.

1 42. (Presently amended) The method of claim 24 wherein the downloaded content
2 comprises user perceivable information in a common gateway interface (CGI) language
3 format.

1 43. (Presently amended) The method of claim 24 wherein the downloaded content
2 comprises user perceivable information in a JAVA language format.

44-61 (Canceled)

1 62. (Presently amended) A computer readable medium having stored thereon
2 computer executable instructions to cause a client digital processing system to perform
3 a method comprising:

4 receiving from a server digital processing system in a browser window client
5 executing on the client digital processing system authorization information that
6 configures the browser window client to process content in a manner determined by the
7 server digital processing system;

8 receiving protected content from [[a]] the server digital processing system;
9 presenting the protected content within [[a]] the browser window client executing
10 on the client digital processing system; and

11 as determined by the server digital processing system in accordance with the
12 authorization information, disabling at the client digital processing system disallowed
13 user functions when the protected content is in the browser window, wherein the
14 disallowed user function comprises a user function which, when allowed, provides for
15 non-ephemeral reproduction of the protected content.

1 63. (Presently amended) The computer-readable medium of claim 62 wherein the
2 medium has stored thereon computer executable instructions to cause the client digital
3 processing system to perform the method further comprising:

4 intercepting a message posted to the browser window; and hiding the protected
5 content if the browser is not a foreground application.

1 64. (Presently amended) A computer readable medium of claim 62 wherein the
2 medium has stored thereon computer executable instructions to cause the client digital
3 processing system to perform the method in which the disallowed user function is
4 enabled when content in the browser window is not designated to be protected such
5 that non-ephemeral reproduction of such content is allowed.

65-77 (Canceled)

1 78. (Presently amended) A system for controlling reproduction of content
2 downloaded from a source over a network onto a client computer system comprising:
3 means for receiving from the source, authorization information that configures a
4 web browser executing in the client computer system to process content in a manner
5 determined by the source;
6 means responsive to the authorization information for modifying the web browser
7 to prevent the web browser from being used to reproduce, in at least one form, content
8 received by the web browser;
9 means for receiving at the client computer system the downloaded content to be
10 protected; and
11 means for displaying ~~at the client computer system~~ in the web browser the
12 protected content ~~on the client computer while preventing at least one form of~~
13 ~~reproduction of the content.~~

(79-94 (Canceled) ✓

1 95. (Presently amended) In a local computer system operatively connectable to a
2 source of content and capable of executing a web browser and a viewer program that
3 runs within the web browser, the viewer program having a plurality of functions related
4 to presenting the content from the source, a method comprising:
5 (A) ~~receiving content~~ downloading the viewer program from the source;
6 (B) receiving from the source function authorization data indicating which of the
7 viewer functions may be performed at the local computer system on the content ~~from~~
8 ~~the source;~~
9 (C) receiving content from the source;
10 (GD) presenting the content with the viewer program; and
11 (DE) disabling at the local computer system selected viewer functions in
12 accordance with the function authorization data received from the source.

1 96. (Original) The method of claim 95 wherein the disabled viewer functions are
2 selected from the group consisting of print, page set-up, save, save as, view source,
3 save picture as, set as wallpaper, copy, screen capture, print screen and cut functions.

1 97. (Presently amended) The method of claim 95 wherein the viewer program
2 comprises ~~a web browser executing in conjunction with~~ an add-in security module that
3 modifies the web browser at the local computer system.

1 98. (Presently amended) A computer program product for use with a local computer
2 system operatively coupled to a source of content, the local computer system capable
3 of executing a web browser and a viewer program that runs within the web browser, the
4 viewer program having a plurality of functions related to presenting the content from the
5 source, the computer program product comprising a computer useable medium having
6 embodied therein program code comprising:

7 (A) program code for ~~receiving content~~ downloading the viewer program from the
8 source;

9 (B) program code for receiving from the source function authorization data
10 indicating which of the viewer functions may be performed at the local computer system
11 on the content ~~from the source~~;

12 (C) program code for receiving content from the source;

13 (GD) program code for presenting the content with the viewer program; and

14 (DE) program code for disabling at the local computer system selected viewer
15 functions in accordance with the function authorization data received from the source.

1 99. (Previously added) The computer program product of claim 98 wherein the
2 disabled viewer functions are selected from the group consisting of print, page set-up,
3 save, save as, view source, save picture as, set as wallpaper, copy, screen capture,
4 print screen and cut functions.

1 100. (Presently amended) The computer program product of claim 98 wherein the
2 viewer program comprises ~~a web browser executing in conjunction with~~ an add-in
3 security module that modifies the web browser at the local computer system.

1 101. (Presently amended) Apparatus for use with a local computer system operatively
2 coupled to a source of content, the computer system capable of executing a web
3 browser and a viewer program that runs within the web browser, the viewer program
4 having a plurality of functions related to presenting the content from the source, the
5 apparatus comprising:

6 (A) a processor;

7 (B) a memory coupled to the processor;

8 (C) a network interface coupled to the processor and the memory;

9 (D) program logic for ~~receiving content from the source~~ downloading the viewer
10 program from the source;

11 (E) program logic for receiving from the source function authorization data
12 indicating which of the viewer functions may be performed at the local computer system
13 on the content ~~from the source~~;

14 (F) program logic for receiving content from the source;

15 (F~~G~~) program logic for presenting the content with the viewer program; and

16 (G~~H~~) program logic for disabling at the local computer system selected viewer
17 functions in accordance with the function authorization data received from the source.

1 102. (Previously added) The apparatus of claim 101 wherein the disabled viewer
2 functions are selected from the group consisting of print, page set-up, save, save as,
3 view source, save picture as, set as wallpaper, copy, screen capture, print screen and
4 cut functions.

1 103. (Presently amended) The apparatus of claim 101 wherein the viewer program
2 comprises ~~a web browser executing in conjunction with~~ an add-in security module that
3 modifies the web browser.

1 104. (Presently amended) In a local computer system operatively connected to a
2 source of content and capable of executing a presentation program, the presentation
3 program having a plurality of functions related to presenting the content from the
4 source, a method comprising:

5 (A) receiving a document containing function authorization data and content from
6 the source, the function authorization data specifying which presentation program
7 functions are enabled and disabled;

8 (B) displaying the content with the presentation program;

9 (C) monitoring user command input to the presentation program; and

10 (D) selectively enabling at the local computer system presentation program
11 functions in accordance with the function authorization data received from the source.

1 105. (Previously amended) The method of claim 104 wherein (D) comprises:

2 (D1) determining if the authorization data associated with the content defines
3 restrictions on the presentation program functions;

4 (D2) if restrictions are defined, disallowing at the local computer system selected
5 program functions; and

6 (D3) if no restrictions are defined, allowing at the local computer system all
7 presentation program functions.

1 106. (Previously added) The method of claim 104 wherein the disallowed user
2 functions are selected from the group consisting of print, page set-up, save, save as,
3 view source, save picture as, set as wallpaper, copy, screen capture, print screen and
4 cut functions.

1 107. (Presently amended) In a local computer system operatively connected to a
2 source of content and capable of executing a presentation program, the presentation
3 program having a plurality of functions related to presenting the content from the
4 source, a method comprising:

5 (A) receiving a document containing authorization information and content from
6 the source, the authorization information specifying which presentation program
7 functions are enabled and disabled;

8 (B) displaying the content with the presentation program;

9 (C) monitoring user command input to the presentation program; and

10 (D) enabling using the authorization information to enable at the local computer
11 system less than all of the presentation program functions while the content is being
12 presented.

1 108. (Previously added) The method of claim 107 wherein the disallowed user
2 functions are selected from the group consisting of print, page set-up, save, save as,
3 view source, save picture as, set as wallpaper, copy, screen capture, print screen and
4 cut functions.

1 109. (Presently amended) In a local computer system operatively connected to a
2 source of content and capable of executing a presentation program, the presentation
3 program capable of presenting the content from the source, a method comprising:

4 (A) running the presentation program in a web browser executing on the local
5 computer system;

6 (AB) receiving a document containing authorization information and content from
7 the source, the authorization information specifying which presentation program
8 functions are enabled and disabled;

9 (BC) displaying the content with the presentation program; and

10 (CD) preventing at the local computer system using the authorization information
11 to control the presentation program to prevent non-ephemeral reproduction of the
12 content being displayed with the presentation program.

1 110. (Presently amended) The method of claim 109 wherein (CD) comprises:

2 (E1D1) limiting at the local computer system user control over the content
3 through a technique selected from the group consisting of window subclassing,
4 clipboard flushing, disabling of browser functions, source code encryption, user level

5 encryption, document package securing, drag and drop disabling, cache content
6 securing, and device context monitoring.

1 111. (New) The method of claim 24 wherein the authorization information comprises a
2 plug-in program that is downloaded before the content is downloaded.

1 112. (New) The method of claim 24 wherein the authorization information is part of a
2 document that includes the content.
